

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-207991

(43)Date of publication of application : 28.07.2000

(51)Int.Cl.

H01H 13/16

H01H 13/70

(21)Application number : 2000-092349

(71)Applicant : KONAMI CO LTD

(22)Date of filing : 29.03.2000

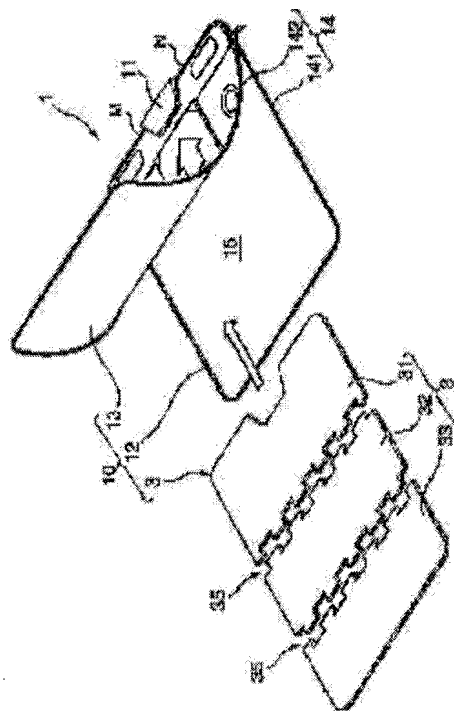
(72)Inventor : OKUBO TORU
DOMAN HIDEYUKI
YADA KENICHI
YAMANO TOMOYA
AKASAKA KEISUKE

(54) MAT FOR FOOT SWITCH AND THE FOOT SWITCH

(57)Abstract:

PROBLEM TO BE SOLVED: To eliminate inconvenience in handling a mat and to reduce the lengthwise dimension of the mat when it is folded up to be stored, even if a cable connecting means is mounted.

SOLUTION: This mat 3 is composed by laminating multiple sheets, and is a cushion sheet arranged between a predetermined sheets 13, 14 of a foot switch 1, wherein a terminal member 11 for transmitting a switch signal is formed nearly at the middle part in the line direction of its most front line. In this case, the mat has multiple mat pieces (front, middle and rear divided cushions 31, 32, 33) having the same dimension as the dimension in the line direction of the sheet-like switch in each line, and the respective divided cushions 31, 32, 33 are separably joined to one another with their edge parts made to face one another.



* NOTICES *

JPO and INPIT are not responsible for any damages caused by the use of this translation.

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1]It is a mat for foot switches constructed between predetermined sheets of a foot switch with which it comes to laminate two or more sheets, A mat for foot switches, wherein it has the mat piece of two or more sheets of a column direction size and an identical size of a sheet-shaped switch of each above-mentioned sequence and each mat piece is combined in the state where edges were made to counter, respectively so that disjunction is possible.

[Claim 2]The foot switch according to claim 1, wherein each above-mentioned mat piece is constituted so that it can join together, when adjoining things insert in mutually corresponding unevenness formed in each edge.

[Claim 3]The mat for foot switches according to claim 2 being a thing characterized by comprising the following.

The above-mentioned unevenness is a dovetail-groove-like crevice.

Heights of the shape of an ant member corresponding to a crevice of the shape of this dovetail groove.

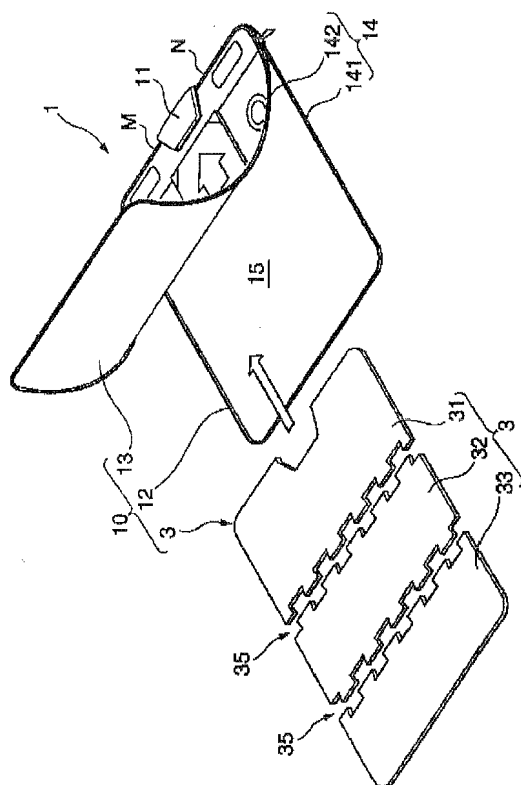
[Claim 4]The upper part side sheet which is a foot switch with which it comes to equip the mat for foot switches according to any one of claims 1 to 3, and includes the above-mentioned sheet-shaped switch, A foot switch, wherein the lower part side sheet in which the above-mentioned mat for foot switches is laminated is formed of a bag body combined so that opening and closing were possible.

[Claim 5]The foot switch according to claim 4 with which the above-mentioned bag body is characterized by combining removably an edge part of the upper part side sheet, and an edge part of the lower part side sheet via an engaging-and-releasing means.

[Claim 6]The foot switch according to claim 5, wherein the above-mentioned engaging-and-releasing means is either of the groups of a fastener, a button, adhesive tape, and the conclusion string.

[Translation done.]

Drawing selection Representative drawing



[Translation done.]

(19) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11) 特許出願公開番号
特開2000-207991
(P2000-207991A)

(43) 公開日 平成12年7月28日 (2000.7.28)

(51) Int. CL ⁷	識別記号	F I	データベース (参考)
H 0 1 H 13/16		H 0 1 H 13/16	B
13/70		13/70	E

審査請求 未請求 請求項の数6 ○L 公開請求 (全 22 頁)

(21) 出願番号 特願2000-92349 (P2000-92349)

(22) 出願日 平成12年3月29日 (2000.3.29)

(71) 出願人 000105637

コナミ株式会社

東京都港区虎ノ門四丁目3番1号

(72) 発明者 大久保 融

東京都港区虎ノ門四丁目3番1号 コナミ株式会社内

(72) 発明者 宣満 秀幸

東京都港区虎ノ門四丁目3番1号 コナミ株式会社内

(74) 代理人 100067828

弁理士 小谷 悦司 (外2名)

最終頁に続く

(54) 【発明の名称】 フットスイッチ用マットおよびフットスイッチ

(57) 【要約】

【課題】 取り扱いに不便を感じず、ケーブル接続具が存在しても折り畳んだ収納時の長手方向の寸法を小さくすることができようにする。

【解決手段】 複数のシートが積層されてなるとともに、最前列の列方向の略中央部にスイッチ信号を伝送する端子部材11が形成されてなるフットスイッチ1の所定のシート3、13間に敷設されるクッションシート3であって、上記各列のシート状スイッチの列方向寸法と同一寸法の複数枚のマットピース（前方、中間および後方分割クッション31、32、33）を有し、各分割クッション31、32、33は、それぞれ縁部同士を対向させた状態で隣接可能に結合される。

